

TOZTQTSQETB660

<110> Achilefu, Samuel I.
Rajagopalan, Raghavan
Dorshow, Richard B.
Bugaj, Joseph E.

Mallinckrodt Inc.

<120> Carbocyanine Dyes For Tandem, Photodiagnostic
and Therapeutic Applications

<130> MRD-74

<140>
<141> 2001-10-17

<150>
<151>

<160> 8

<170> PatentIn Version 3.1

<210> 1
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES_
<222> (1)...(8)
<223> Xaa at location 1 represents D-Phe. Artificial sequence is
completely synthesized.
<223> Xaa at locations 2 and 7 represents Cys with an
intramolecular disulfide bond between two Cys
amino acids. Artificial sequence is completely synthesized.
<223> Xaa at location 4 represents D-Trp. Artificial sequence is
completely synthesized.

<400> 1
Xaa Xaa Tyr Xaa Lys Thr Xaa Thr
1 5



<210> 2
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)...(8)
<223> Xaa at location 1 represents D-Phe. Artificial sequence is completely synthesized.
<223> Xaa at locations 2 and 7 represents Cys with an intramolecular disulfide bond between two Cys amino acids. Artificial sequence is completely synthesized.

<223> Xaa at location 4 represents D-Trp. Artificial sequence is completely synthesized.
<223> Xaa at location 8 represents Thr-OH. Artificial sequence is completely synthesized.

<400> 2
Xaa Xaa Tyr Xaa Lys Thr Xaa Xaa
1 5

<210> 3
<211> 11
<212> PRT
<213> Peptide

<400> 3
Gly Ser Gly Gln Trp Ala Val Gly His Leu Met
1 5 10

<210> 4
<211> 11
<212> PRT
<213> Peptide

<400> 4
Gly Asp Gly Gln Trp Ala Val Gly His Leu Met
1 5 10

00001206-104704

TOPT# 992660

<210> 5
<211> 8
<212> PRT
<213> Peptide

<400> 5
Asp Tyr Met Gly Trp Met Asp Phe
1 5

<210> 6
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)...(8)
<223> Xaa at locations 3 and 6 represents Norleucine. Artificial
sequence is completely synthesized.

<400> 6
Asp Tyr Xaa Gly Trp Xaa Asp Phe
1 5

<210> 7
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)...(8)
<223> Xaa at location 1 represents D-Asp. Artificial sequence is
completely synthesized.
<223> Xaa at locations 3 and 6 represents Norleucine. Artificial
sequence is completely synthesized.

<400> 7
Xaa Tyr Xaa Gly Trp Xaa Asp Phe
1 5

<210> 8
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)...(8)
<223> Xaa at location 1 represents D-Lys. Artificial sequence is completely synthesized.

<400> 8
Xaa Pro Arg Arg Pro Tyr Ile Leu
1 5

09081006-104704
TOT-902T8660